SATA Mini PCIe 2 Solid State Drive (SSD)

SATA-II Interface, Mini PCIe Form Factor

SATA Mini 2 PCIe SSD

The SATA Mini 2 PCIe SSD is an upgrade module specifically designed to be a drop in replacement for the ASUS Eee PC S101, 900, 900A, and 901 netbook PCs. The modules are available with both MLC and SLC Flash memory. The modules are simple and easy to install for immediate capacity and performance benefits.

These modules are the fastest SATA Mini PCIe SSDs available in the market. Delivering over 5x the performance of the original SSDs. These products also make excellent high performance small form factor products for embedded system designers.

The MLC based products are available in 16GB, 32GB, and 64GB capacities and feature sequential read speeds up to 150 MB/s and sequential write speeds up to 100 MB/s. The MLC drives come with SuperTalent's 2 year warranty.

For customers with greater endurance requirements or faster write performance needs we also offer the SLC version. Available in 16GB and 32GB capacities and featuring sequential read speeds up to 170 MB/s and sequential write speeds up to 130 MB/s. The SLC products come with a 3 year warranty.

ASUS Eee PC Compatible BIOS

Model	BIOS Rev
900	0906
900A	0703
901	1808
901 GO	Any
S101	Any

Physical Specifications

MLC	
***Capacity**	16GB – 64GB
Dimension	32.1 mm x 69.5 mm x 3.5 mm
Interface	SATA-II (3Gbps)
NAND Flash	MLC
Power Supply	$3.3V_{cc}$ ± 5%
Operating Temp.	0°C - 70°C

SLC	
***Capacity**	16GB – 32GB
Dimension	32.1 mm x 69.5 mm x 3.5 mm
Interface	SATA-II (3Gbps)
NAND Flash	SLC
Power Supply	$3.3V_{cc}$ ± 5%
Operating Temp.	0°C - 70°C

Performance Specifications

MLC	
Sequential Read Rate	150 MB/sec (max)
Sequential Write Rate	100 MB/sec (max)

SLC	
Sequential Read Rate	170 MB/sec (max)
Sequential Write Rate	130 MB/sec (max)

Ordering Information

MLC	
16GB	FPM16GLSE
32GB	FPM32GLSE
64GB	FPM64GLSE

SLC	
8GB	FPD8GLSE
16GB	FPD16GLSE

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*Usable capacity may be less than specified after formatting.